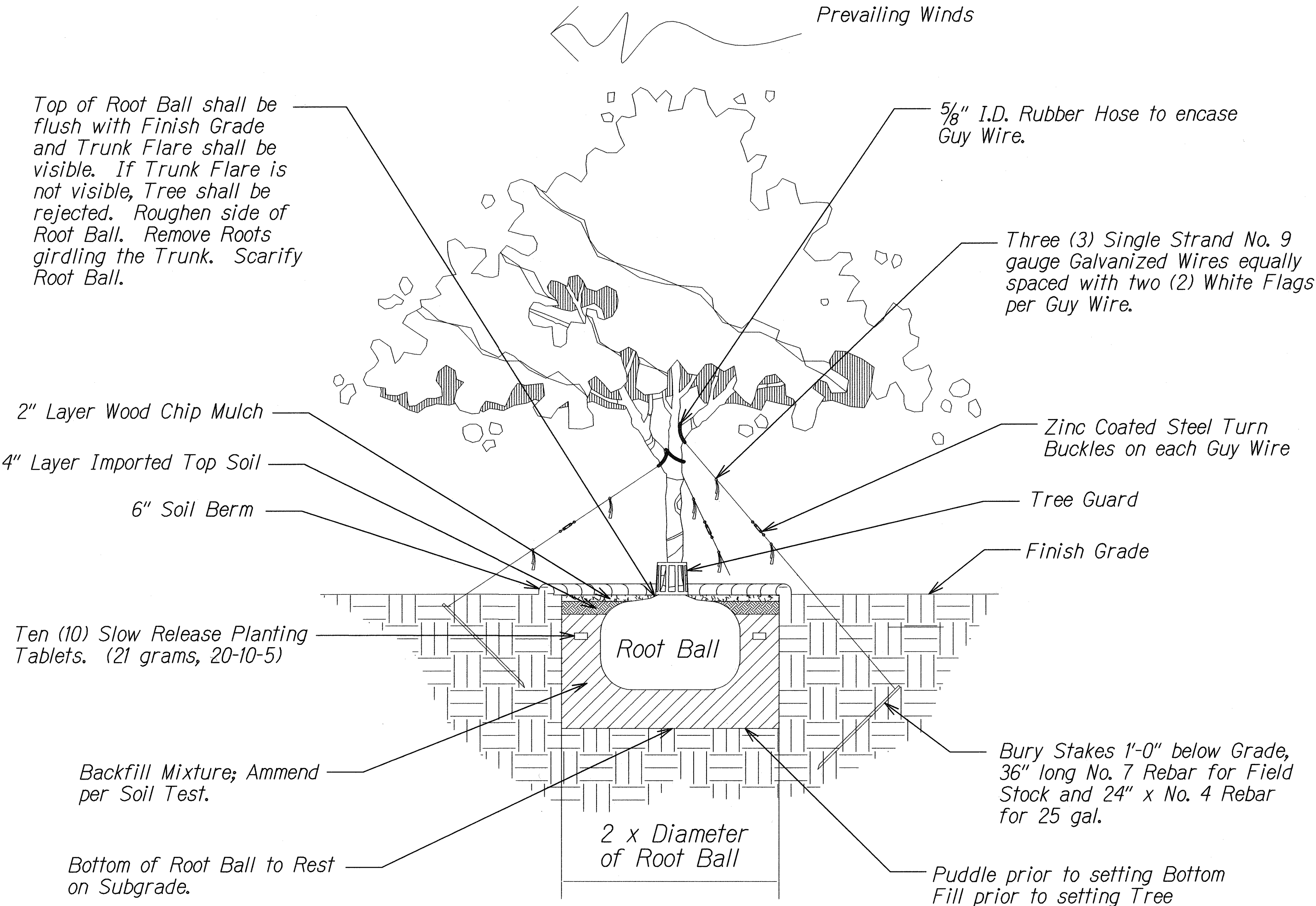


PLANTING NOTES:

- Landscape Contractor shall field verify all plant quantities and dimensions prior to installation. Quantities shown on plant list are for reference only, verify actual quantities as shown on plan. If there is discrepancy, the planting plan shall take precedence.
- Landscape Contractor shall be responsible for location and protecting existing utilities.
- Prior to tree excavation, all planting locations shall be staked out by Contractor for approval by Engineer. Do not plant until ground has been prepared and free of stones greater than 1/2" diameter, pipes, debris, trash, stumps, shrubs; site is neat, orderly, and the Engineer accepts site for planting. Cleaning and Grubbing shall be considered an incidental expense to section 619 Planting.
- Notify Engineer of any discrepancies in plant locations or insufficient plant quantities due to difference in plans and actual field conditions.
- Notify Engineer 30 days prior to planting operations for approval of all plant material at place of growth. All plant material not approved by the Engineer will be subject to rejection.
- The Engineer will inspect plants at the place of growth and after the delivery to the project. Each tree shall be tagged by the DOT Landscape Architect with a consecutively numbered plastic tamper-resistant and self-locking seal. Seals shall remain on trees and only be removed by the Engineer at the completion of the plant establishment period. Trees delivered to the project without Engineers seal will be rejected. Each tree shall meet the specified size and height prior to planting.
- Plants shall meet size indicated by minimum height and spread. Plants shall be straight and uniformly shaped, unless unique or special characteristics are specified, and shall be undamaged, sound, healthy, vigorous and free of disease and insect infestation. Plants not conforming to these requirements on delivery to the project and at the end of the plant establishment period will be rejected.
- Contractor shall be solely responsible for the complete removal and damages resulting from planting any plant species listed on the Hawaii Department of Agriculture 'Noxious weed rules' as defined in the statute, Hawaii Administrative Rules 4:68:1 or the 'Federal Noxious Weed List' as defined in Title 7 of the code of Federal Regulations (CFR), parts 360 and 361.
- All tree work must adhere to American National Standard Institute (or ANSI)-A300 tree care standards and ANSI-Z133 safety standards for tree work. Work shall be contracted to Arborists that has been certified in good standings as an ISA certified Arborist for at least 5 years to assure that tree work is performed properly and trees are not damaged by practices such as topping, flush cuts, over-thinning, or climbing with spikes. Contractor shall submit a copy of the ISA Arborist certification of good standing if 5 years to the Engineer minimum 7 days prior to tree pruning.
- Guy wires, flagging, stakes, windbreakers, etc. shall be maintained and replaced if necessary by the Contractor until the tree or shrub is able to stand by itself. The Contractor shall remove and dispose at the end of plant establishment period.
- Any planting that obstructs sight distance, signs or traffic lights shall be relocated or removed as determined by the Engineer.
- Contactor shall be solely responsible for providing water for all plantings until final acceptance.

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE & NOTES
	14	Cocos Nucifera	Coconut Palm	Field Specimen, 20 Feet Brown Trunk Height
	15	Aleurites Moluccana	Kukui Nut Tree	3-4" Caliper, 50 Gallon, 10-12' Height
	13	Cassia Nealiae	Rainbow Shower Tree	3-4" Caliper, 50 Gallon, 10-12' Height
	29	Pritchardia Spp.	Loulu Palm	3-8' Brown Trunk Donated by The Outdoor Circle
	81 <del>50</del>	<del>Stephanotis Floribunda</del> <del>Ipomoea Horsfalliae</del>	<del>Stephanotis Vine</del> <del>Prince Kuhio Vine</del>	1 Gallon, 3 Feet O.C.
	4	Tabebuia Rosea	Pink Tecoma	3-4" Caliper, 50 Gallon, 10-12' Height



TREE PLANTING DETAIL  
Not To Scale

Note: Trees shall be a minimum five feet from back of curb.

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

LANDSCAPE DETAILS

Kailua Rd., Castle Hospital to Kawaiunui Bridge  
& Kalanianaʻole Hwy, Kailua Rd. to Ulupuni St.

Median Erosion Control

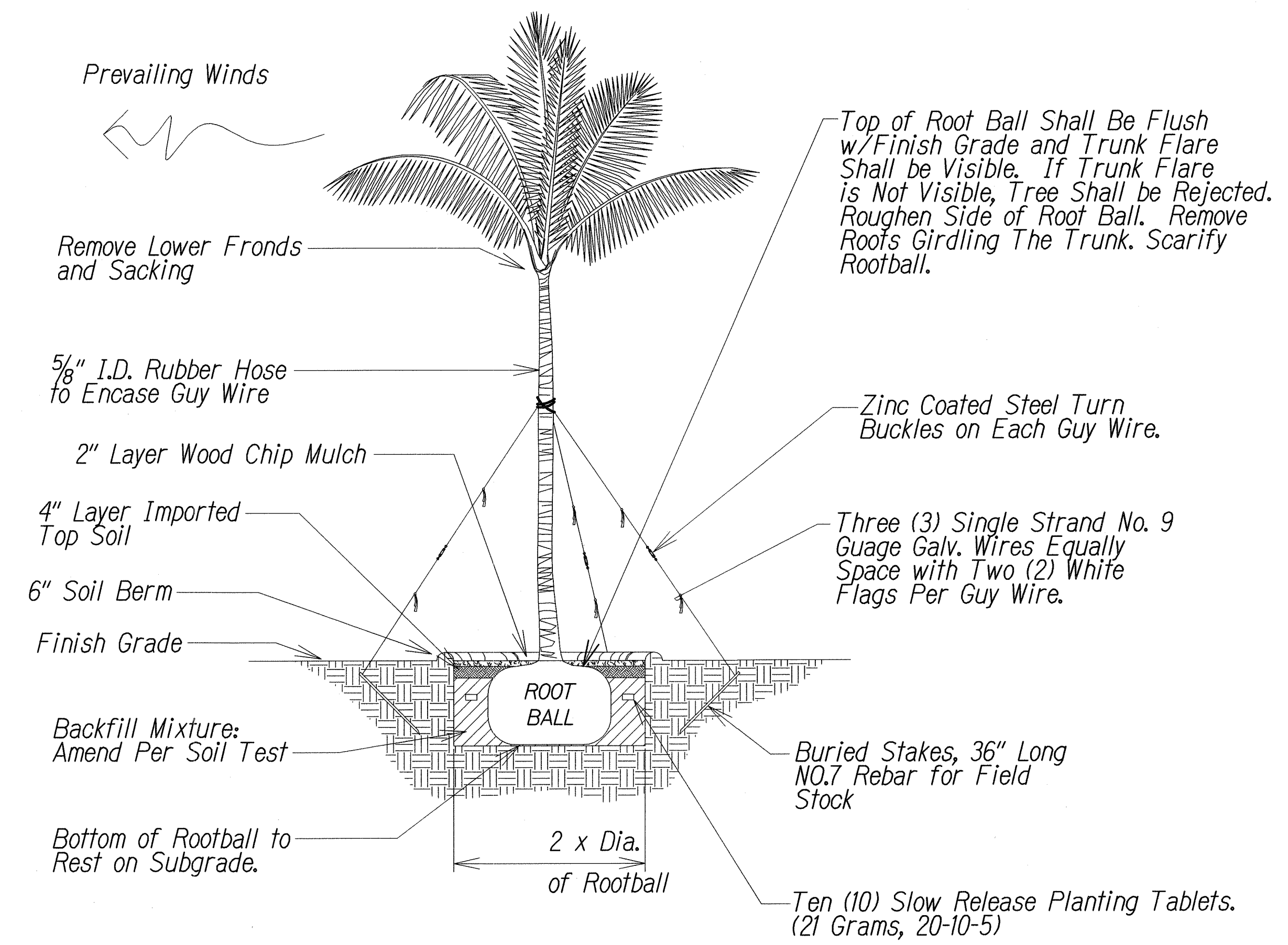
Project No. HWY-0-03-09M

Not To Scale

Date: April, 2009

SHEET No. 1 OF 1 SHEETS

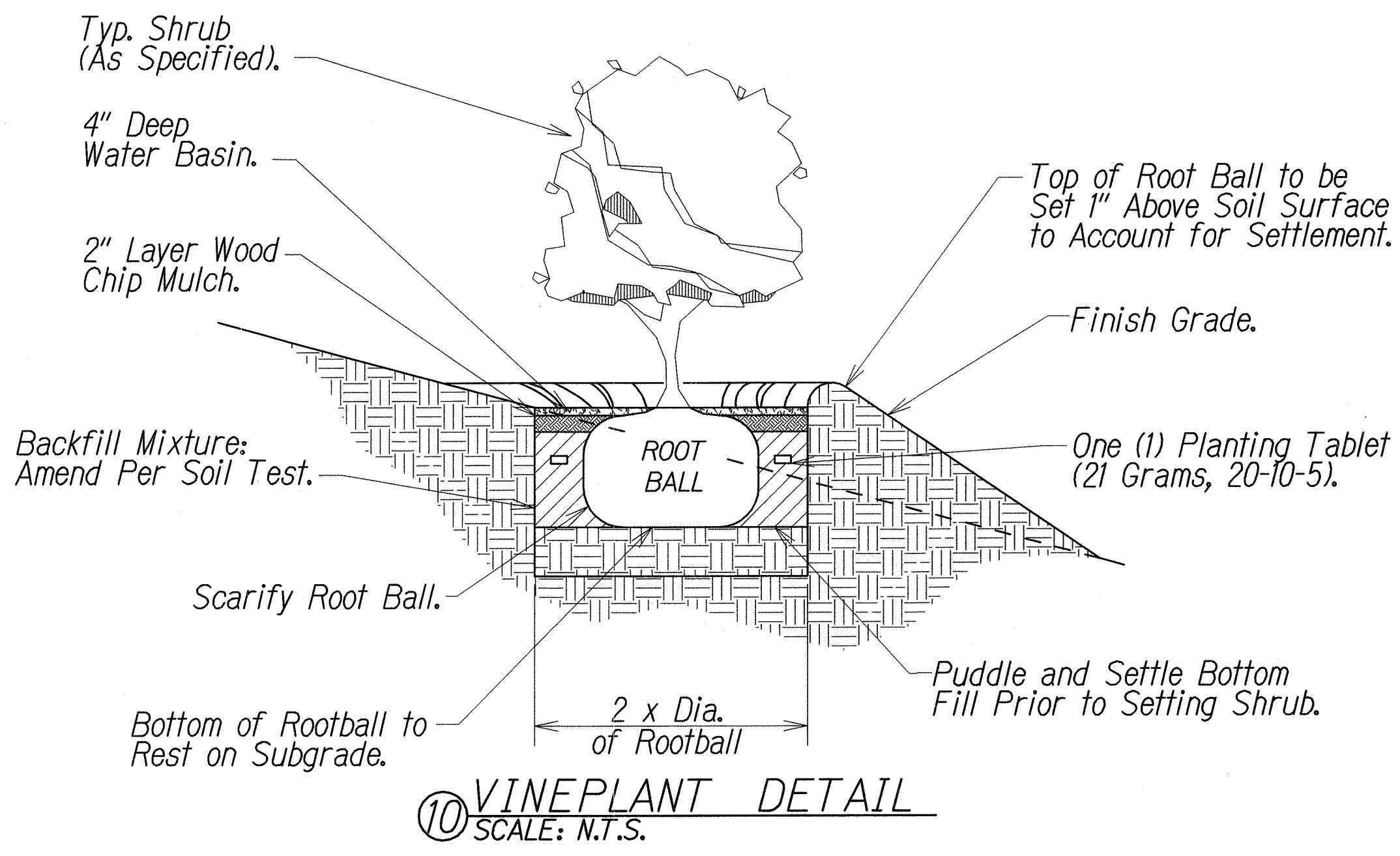
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-09M	2009	11	11



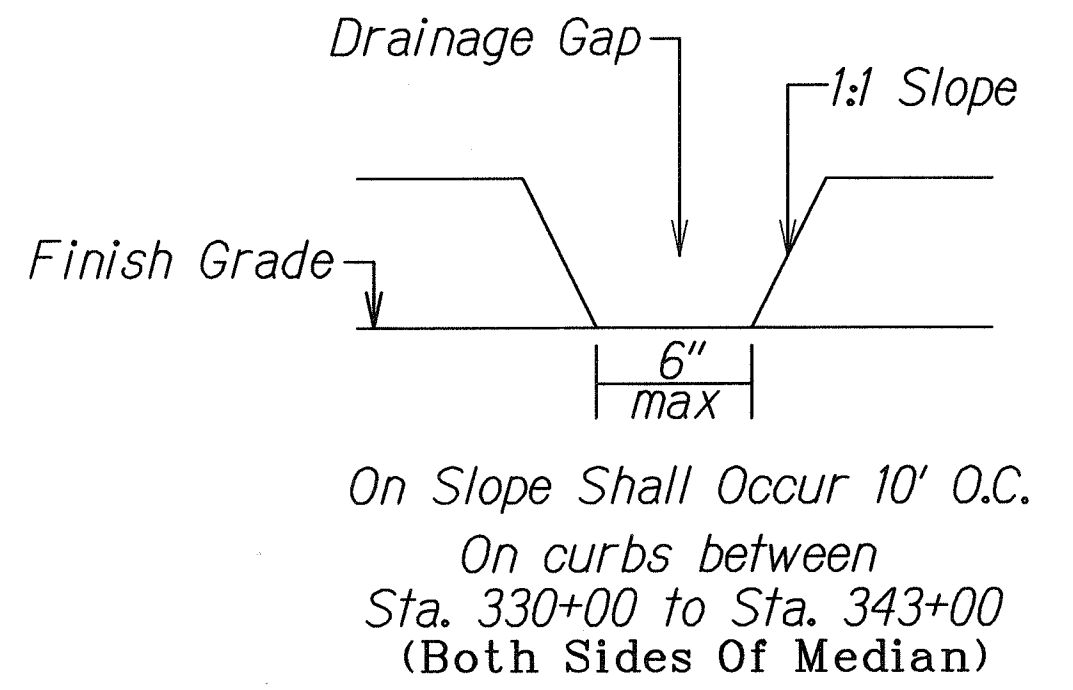
Notes:

1. Trunk Must Be Protected From Rope Sling Burns and Abrasion During Moving.
2. Water Heavily to Insure Soil Settles Around Roots.
3. Tree Shall be Plumb, If There is Leaning at the End of the Plant Establishment Period, The Tree Shall be Rejected.
4. Protect Heart and Tip from Damage and Breakage During Transporting and Transplanting.

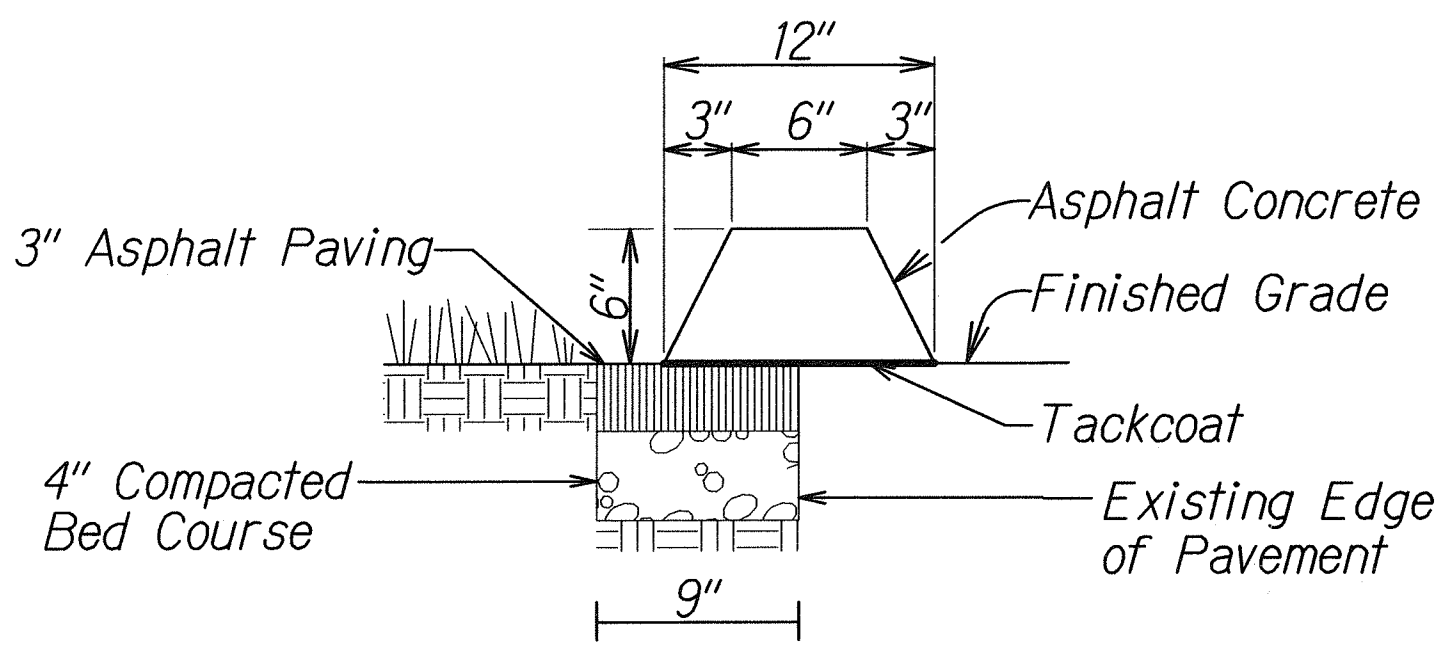
⑨ PALM PLANTING DETAIL  
SCALE: N.T.S.



⑩ VINE PLANT DETAIL  
SCALE: N.T.S.

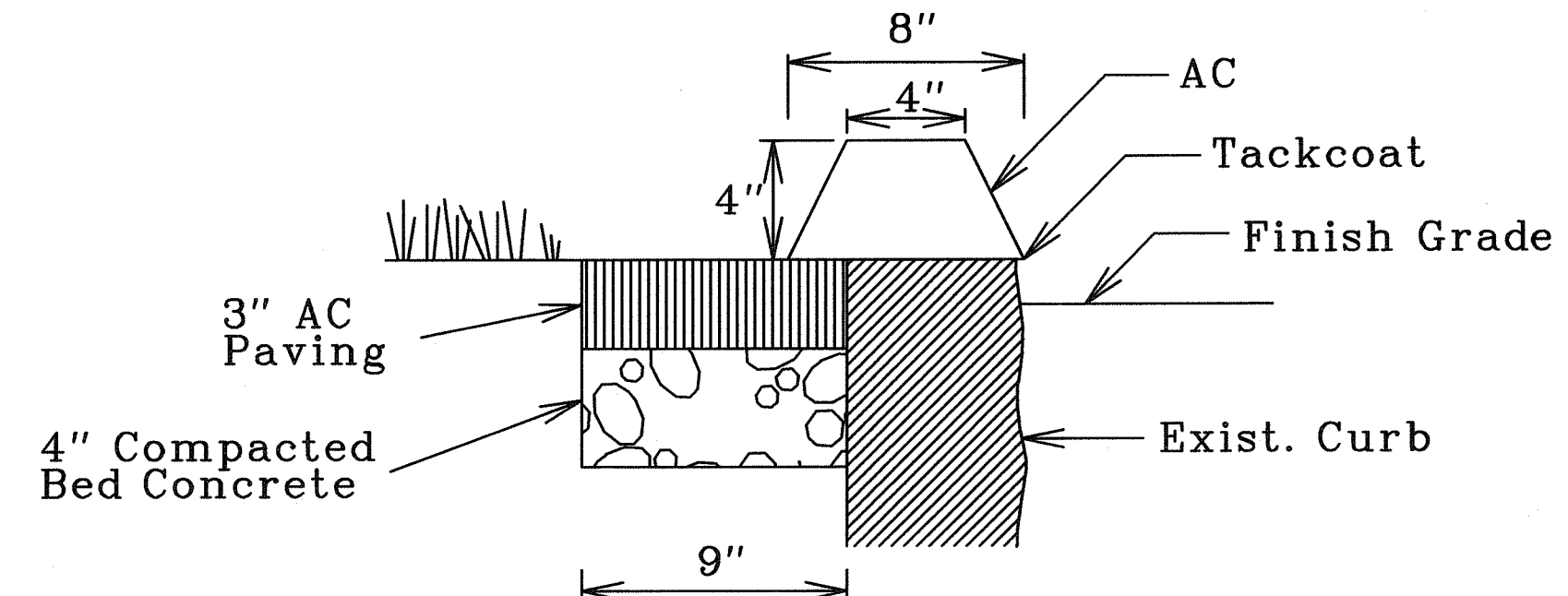


SLOPE  
CONDITION ELEVATION



Note: Provide a smooth transition where new curb meets existing curb.

CONDITION ONE SECTION



Note: Provide a smooth transition where new curb meets existing curb.  
Use between 317+60 and 343+60 Kailua-Bound only

CONDITION TWO SECTION

CURB, TYPE 6  
BITUMINOUS CURB

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**LANDSCAPE DETAILS**  
Kailua Rd., Castle Hospital to Kawaiunui Bridge  
& Kalanianaʻole Hwy., Kailua Rd. to Ulupuni St.  
Median Erosion Control  
Project No. HWY-0-03-09M  
Not To Scale Date: April, 2009

SHEET No. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	